

EFW

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** SHOWA CORPORATION

**Serial Number:** 10/655932

**Filed:** 09/05/2003

**For:** ELECTRIC MOTOR

**Attorney Docket Number:** 13578

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Hon. Commissioner of  
Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 18, 2005

Sir:

Applicant submits herewith information of which he is aware, and which he believes may be material to the patentability of any claim and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

The prior art references are set forth below and on the Form PTO-1449.

**US 5942822**

**FR 2824199**

**EP 0733536**

**US 4673837**

**US 5436519**

**US 5889345**

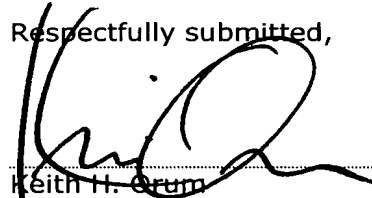
The Applicant respectfully requests that the Examiner give full consideration to the information disclosed herein, make it of record in this Application, and complete and return the enclosed Form PTO-1449.

In compliance with 37 CFR § 1.97, this information is submitted before the mailing of the first Official Action. No fee is due.

#### **AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**

Authorization is hereby given to charge any necessary fees in connection with this Information Disclosure Statement to Deposit Account No. 04-2219, referencing our Docket Number 13578.

Respectfully submitted,

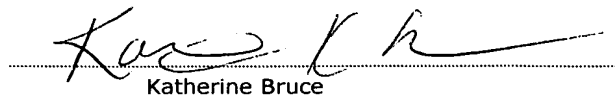


Keith H. Drum  
Attorney for Applicant  
Attorney Registration Number 33985

**DRUM & ROTH LLC**  
53 WEST JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60604-3606  
312.922.6262 PHONE  
312.922.7747 FAX

#### **1<sup>ST</sup> CLASS CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Alexandria, VA 22313-1450, on February 18, 2005.

  
Katherine Bruce

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <b>LIST OF PATENTS AND PUBLICATIONS</b>  <b>APPLICANT'S INFORMATION</b>  <b>DISCLOSURE STATEMENT</b>  <small>(Form PTO-1449 Modified)</small> </div> <div style="text-align: right;"> <b>Attorney Docket:</b> 13578  <b>Serial Number:</b> 10/655932 </div> </div>										<b>Applicant:</b> SHOWA CORPORATION					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <b>FEB 23 2005</b>  <small>U.S. PATENT &amp; TRADEMARK OFFICE</small> </div> </div>										<b>Filing Date:</b> 05/09/2003		<b>Group:</b>			
<b>US PATENT DOCUMENTS</b>															
Examiner's Initial		Document Number							Date day, month, yr.	Name	Class	Sub Class	Filing Date if Appropriate		
		5	9	4	2	8	2	2	24/08/1999	IWATA MASATA					
	AA	4	6	7	3	8	3	7	16/06/1987	GINGERICH DAVID J.					
	AB	5	4	3	6	5	1	9	25/07/1995	MORIKAWA FUMIHIRO					
	AC	5	8	8	9	3	4	5	30/03/1999	IWATA MASATO					
	AD														
	AE														
	AF														
	AG														
	AH														
	AI														
	AJ														
	AK														
<b>FOREIGN PATENT DOCUMENTS</b>															
		Document Number							Date day, month, yr.	Country	Class	Sub Class	Translation Yes No		
	AL	2	8	2	4	1	9	9	31/10/2002	FRANCE					
	AM	0	7	3	3	5	3	6	25/09/1996	EPO					
	AN														
	AO														
	AP														
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>															
	AS														
	AT														
<b>EXAMINER:</b>										<b>DATE CONSIDERED:</b>					
<small>* EXAMINER: Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.</small>															